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Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable				Expanded				
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	NMI Service Identifier	Comments
Pressure sensitivity level	Measurement microphone type LS1P	IEC 61094- 2:1992			dB (reference: 1 V/Pa)	Frequency	63 Hz to 2 kHz	0.04	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS1P	IEC 61094- 2:1992			dB (reference: 1 V/Pa)	Frequency	2.5 kHz to 3.15 kHz	0.05	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS1P	IEC 61094- 2:1992			dB (reference: 1 V/Pa)	Frequency	4 kHz to 8 kHz	0.06	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS1P	IEC 61094- 2:1992			dB (reference: 1 V/Pa)	Frequency	10 kHz	0.1	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS2P	Insert voltage			dB (reference: 1 V/Pa)	Frequency	31.5 Hz	0.1	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS2P	Insert voltage			dB (reference: 1 V/Pa)	Frequency	63 Hz	0.06	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS2P	Insert voltage			dB (reference: 1 V/Pa)	Frequency	125 Hz to 8 kHz	0.05	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS2P	Insert voltage			dB (reference: 1 V/Pa)	Frequency	12.5 kHz	0.06	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Pressure sensitivity level	Measurement microphone type LS2P	Insert voltage			dB (reference: 1 V/Pa)	Frequency	16 kHz	0.07	dB	2	95%	No	AV-1.1.1-1	Approved on 19 December 2005
Sound pressure level	Pistonphone or sound calibrator, single frequency (250 Hz to 1 kHz)	Measurement microphone	94	130	dB (reference 20 μPa)	Microphone type	LS1P	0.05	dB	2	95%	No	AV-2.1.1-1	Approved on 19 December 2005
Sound pressure level	Pistonphone or sound calibrator, single frequency (250 Hz to 1 kHz)	Measurement microphone	94	130	dB (reference 20 μPa)	Microphone type	LS2P	0.04	dB	2	95%	No	AV-2.1.1-1	Approved on 19 December 2005
Sound pressure level	Sound calibrator, multi frequency	Measurement microphone	94	130	dB (reference 20 μPa)	Frequency	125 Hz to 2 kHz	0.1	dB	2	95%	No	AV-2.2.1-1	Approved on 19 December 2005



Calibration	Measurand Level or Range			Measurement Conditions/Independent Variable				Expanded						
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	NMI Service Identifier	Comments
						Microphone type	LS1P							
Sound pressure level	Multi frequency sound calibrator	Measurement microphone type LS2P	94	130	dB (reference 20 μPa)	Frequency	31.5 Hz	0.09	dB	2	95%	No	AV-2.2.1-1	Approved on 19 December 2005
						Microphone type	LS2P							
Sound pressure level	Multi frequency sound calibrator	Measurement microphone type LS2P	94	130	dB (reference 20 µPa)	Frequency	63 Hz	0.05	dB	2	95%	No	AV-2.2.1-1	Approved on 19 December 2005
						Microphone type	LS2P							
Sound pressure level	Multi frequency sound calibrator	Measurement microphone type LS2P	94	130	dB (reference 20 µPa)	Frequency	125 Hz to 8 kHz	0.04	dB	2	95%	No	AV-2.2.1-1	Approved on 19 December 2005
						Microphone type	LS2P							
Sound pressure level	Multi frequency sound calibrator	Measurement microphone type LS2P	94	130	dB (reference 20 µPa)	Frequency	12.5 kHz	0.05	dB	2	95%	No	AV-2.2.1-1	Approved on 19 December 2005
						Microphone type	LS2P							
Sound pressure level	Multi frequency sound calibrator	Measurement microphone type LS2P	94	130	dB (reference 20 μPa)	Frequency	16 kHz	0.06	dB	2	95%	No	AV-2.2.1-1	Approved on 19 December 2005
						Microphone type	LS2P							
Charge sensitivity (modulus)	Accelerometer	ISO 16063-11			pC/(m/s ²)	Frequency	10 Hz to 1 kHz	0.5	%	2	95%	Yes	AV-21.3.1.1-1	Approved on 19 December 2005
Charge sensitivity (modulus)	Accelerometer	ISO 16063-11			pC/(m/s ²)	Frequency	1.25 kHz to 4 kHz	1	%	2	95%	Yes	AV-21.3.1.1-1	Approved on 19 December 2005
Charge sensitivity (modulus)	Accelerometer	ISO 16063-11			pC/(m/s ²)	Frequency	5 kHz to 10 kHz	1.8	%	2	95%	Yes	AV-21.3.1.1-1	Approved on 19 December 2005



Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable				Expanded				
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	NMI Service Identifier	Comments
Charge sensitivity (phase shift)	Accelerometer	ISO 16063-11	0	360	o	Frequency	10 Hz to 1 kHz	0.4	0	2	95%	No	AV-21.3.1.2-1	Approved on 19 December 2005
Charge sensitivity (phase shift)	Accelerometer	ISO 16063-11	0	360	0	Frequency	1.25 kHz to 4 kHz	0.8	0	2	95%	No	AV-21.3.1.2-1	Approved on 19 December 2005
Charge sensitivity (phase shift)	Accelerometer	ISO 16063-11	0	360	0	Frequency	5 kHz to 10 kHz	1.4	0	2	95%	No	AV-21.3.1.2-1	Approved on 19 December 2005
Charge sensitivity (modulus)	Accelerometer	ISO 16063-21			pC/(m/s ²)	Frequency	3 Hz to 10 Hz	1.5	%	2	95%	Yes	AV-21.3.1.1-2	Approved on 19 December 2005
Charge sensitivity (modulus)	Accelerometer	ISO 16063-21			pC/(m/s ²)	Frequency	10 Hz to 1 kHz	1.0	%	2	95%	Yes	AV-21.3.1.1-2	Approved on 19 December 2005
Charge sensitivity (modulus)	Accelerometer	ISO 16063-21			pC/(m/s ²)	Frequency	1.25 kHz to 4 kHz	1.3	%	2	95%	Yes	AV-21.3.1.1-2	Approved on 19 December 2005
Charge sensitivity (modulus)	Accelerometer	ISO 16063-21			pC/(m/s ²)	Frequency	5 kHz to 10 kHz	2.0	%	2	95%	Yes	AV-21.3.1.1-2	Approved on 19 December 2005
Charge sensitivity (phase shift)	Accelerometer	ISO 16063-21	0	360	o	Frequency	10 Hz to 1 kHz	0.5	0	2	95%	No	AV-21.3.1.2-1	Approved on 19 December 2005
Charge sensitivity (phase shift)	Accelerometer	ISO 16063-21	0	360	o	Frequency	1.25 kHz to 4 kHz	1.0	o	2	95%	No	AV-21.3.1.2-1	Approved on 19 December 2005
Charge sensitivity (phase shift)	Accelerometer	ISO 16063-21	0	360	o	Frequency	5 kHz to 10 kHz	1.8	0	2	95%	No	AV-21.3.1.2-1	Approved on 19 December 2005
Voltage sensitivity (modulus)	Acceleration measuring chain	ISO 16063-21	1	1000	mV/(m/s²)	Frequency range	3 Hz to 10 Hz	1.5	%	2	95%	Yes	AV-21.4.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available



Calibratio	Measurand Level or Range			Measurement Conditions/Independent Variable				Expanded						
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	NMI Service Identifier	Comments
Voltage sensitivity (modulus)	Acceleration measuring chain	ISO 16063-21	1	1000	mV/(m/s²)	Frequency range	10 Hz to 1 kHz	1	%	2	95%	Yes	AV-21.4.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available
Voltage sensitivity (modulus)	Acceleration measuring chain	ISO 16063-21	1	1000	mV/(m/s²)	Frequency range	1.25 kHz to 4 kHz	1.3	%	2	95%	Yes	AV-21.4.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available
Voltage sensitivity (modulus)	Acceleration measuring chain	ISO 16063-21	1	1000	mV/(m/s²)	Frequency range	5 kHz to 10 kHz	2.0	%	2	95%	Yes	AV-21.4.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available
Acceleration (modulus)	Vibration measuring instrument	ISO 16063-21	0.01	100	m/s²	Frequency range	3 Hz to 10 Hz	1.5	%	2	95%	Yes	AV-21.1.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available
Acceleration (modulus)	Vibration measuring instrument	ISO 16063-21	0.01	100	m/s²	Frequency range	10 Hz to 1 kHz	1	%	2	95%	Yes	AV-21.1.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available



Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable				Expanded				
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor		Is the expanded uncertainty a relative one?		Comments
Acceleration (modulus)	Vibration measuring instrument	ISO 16063-21	0.01	500	m/s²	Frequency range	1.25 kHz to 4 kHz	1.3	%	2	95%	Yes	AV-21.1.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available
Acceleration (modulus)	Vibration measuring instrument	ISO 16063-21	0.01	500	m/s²	Frequency range	5 kHz to 10 kHz	2.0	%	2	95%	Yes	AV-21.1.1.1-1	Approved on 19 December 2005 Calibration of velocity as well as displacement transducers is available